



State of Texas Assessments of Academic Readiness (STAAR®)
Performance Level Descriptors
Grade 4 Mathematics

Performance Level Descriptors

The mathematical process skills describe ways in which students are expected to engage in the content. They are not assessed in isolation but are incorporated into questions that assess grade 4 content. The process skills focus on applying mathematics to solve problems, analyze mathematical relationships, and communicate mathematical ideas.

Students achieving Level III: Advanced Academic Performance can

- Evaluate the reasonableness of solutions to multi-step application problems involving addition, subtraction, multiplication, and division of whole numbers
- Apply an understanding of fractions to solve problems involving fractions greater than one
- Extend and apply measurements to solve application problems

Students achieving Level II: Satisfactory Academic Performance can

- Represent, compare, and order whole numbers, decimals, and fractions and understand relationships related to place value
- Solve application problems involving addition, subtraction, multiplication, and division of whole numbers including two-step problems
- Solve application problems involving addition and subtraction of decimals and fractions with equal denominators
- Represent numerical relationships and patterns with models and tables
- Apply knowledge of points, lines, and angles to classify figures and solve problems
- Select units and solve problems involving measurement including conversions
- Solve application problems involving perimeter and area
- Represent and solve problems related to data

Students achieving Level I: Unsatisfactory Academic Performance can

- Round numbers to a given place value
- Identify decimals and fractions on a number line
- Use models to represent and solve problems involving multiplication and division of whole numbers
- Identify points, lines, and angles